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P23700.P07

Sheet 1 of 3

Form PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		U.S. Department of Commerce Patent and Trademark Office					Atty. Docket No. P23700	Serial No. 10/646,860		
		Applicant Hiroshi NOMURA					Filing Date August 25, 2003	Group 287205		
								MAY 04 2004		
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2004 /0	0 4 2	0 9 5	03/04/04	NOMURA					
	2004 /0	0 4 2	0 9 3	03/04/04	NOMURA					
	2004 /0	0 6 2	5 3 6	04/01/04	NOMURA					
	2004 /0	0 5 1	9 6 8	03/18/04	NOMURA					
	2004 /0	0 5 1	9 7 0	03/18/04	NOMURA					
	2004 /0	0 6 2	5 3 7	04/01/04	NOMURA					
	2004 /0	0 5 1	9 7 2	03/18/04	NOMURA					
	2004 /0	0 4 2	0 9 1	03/04/04	NOMURA					
	2004 /0	0 4 2	0 8 9	03/04/04	NOMURA					
	2004 /0	0 5 1	9 7 1	03/18/04	NOMURA					
	2004 /0	0 4 2	7 7 7	03/04/04	NOMURA					
	2004 /0	0 4 2	7 7 8	03/04/04	NOMURA					
	2004 /0	0 5 1	9 6 9	03/18/04	NOMURA					
	2004 /0	0 5 1	9 6 7	03/18/04	NOMURA					
	2004 /0	0 4 2	7 7 5	03/04/04	NOMURA					
	2004 /0	0 4 2	0 9 6	03/04/04	NOMURA					
	2004 /0	0 4 2	0 9 0	03/04/04	NOMURA					
	2004 /0	0 4 2	7 7 6	03/04/04	NOMURA					
	2004 /0	0 5 1	9 8 1	03/18/04	NOMURA					
	2004 /0	0 4 2	0 9 2	03/04/04	NOMURA					
		6 3 6 6	3 2 3	04/02/02	SHONO					
		6 1 1 5	1 9 0	09/05/00	HIRAI					
		6 0 6 4	5 3 3	05/16/00	KENIN et al.					
	2003 /0	0 8 1	3 2 5	05/01/03	NOMURA et al.					
	2001 /0	0 2 4	5 7 3	09/27/01	NOMURA et al.					
	2002 /0	1 3 5	9 0 0	09/26/02	NOMURA et al.					
		6 0 7 5	6 5 5	06/13/00	FUNAHASHI					
EXAMINER					DATE CONSIDERED					9/4/04

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Sheet 2 of 3

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									Applicant Hiroshi NOMURA					
									Filing Date August 25, 2003		Group 2872 2851			
<b>U.S. PATENT DOCUMENTS</b>														
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		2002	/0	1	3	5	9	0	1	09/26/02	NOMURA et al.			
		2003	/0	0	8	1	3	2	7	05/01/03	NOMURA et al.			
		2002	/0	1	3	5	8	9	6	09/26/03	NOMURA et al.			
			6	0	5	5	1	1	6	04/25/00	NOMURA et al.			
			6	2	0	4	9	7	7	03/20/01	IWASA			
			5	4	3	0	5	1	6	07/04/95	UZIIE et al.			
		2003	/0	0	8	1	9	4	8	05/01/03	NOMURA et al.			
		2001	/0	0	1	9	4	5	8	09/06/01	NOMURA et al.			
			4	9	9	3	8	1	5	02/19/91	YAMAZAKI et al.			
			5	8	1	8	6	4	7	10/06/98	NISHIO et al.			
			5	7	3	1	9	1	3	03/24/98	IMANARI			
			5	7	3	9	9	6	2	04/14/98	ASAKURA et al.			
		2003	/0	1	5	6	8	3	2	08/21/03	NOMURA et al.			
			5	5	8	7	7	5	4	12/24/96	KATAYAMA et al.			
			6	0	5	2	5	3	5	04/18/00	UNO			
			5	2	2	3	8	7	3	06/29/93	TSUBOI			
			5	0	8	6	3	1	2	02/04/92	TANAKA et al.			
			5	4	9	9	1	4	3	03/12/96	SAKAMOTO et al.			
			6	0	6	9	7	4	5	05/30/00	FUJII et al.			
			6	3	2	4	0	1	9	11/27/01	TAKANASHI et al.			
			5	4	8	5	3	1	5	01/16/96	NOMURA et al.			
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							Filing Date August 25, 2003	Group 2872 725		
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS										
		DOCUMENT NUMBER			DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES      NO
		58	-	1 0 7 0 8	01/21/83	JAPAN				
		2	3 4 4	6 6 1	06/14/00	UNITED KINGDOM				
		2	2 6 2	3 5 6	06/16/93	UNITED KINGDOM				
	2003	-	2 0 7	7 0 9	07/25/03	JAPAN				
		2	3 0 9	5 5 1	07/30/97	UNITED KINGDOM				
		2	3 4 4	6 6 2	06/14/00	UNITED KINGDOM				
		2	2 6 1	2 9 8	05/12/93	UNITED KINGDOM				
	2002	-	2 7 7	7 1 9	09/25/02	JAPAN				
	10	-	2 8 2	3 9 4	10/23/98	JAPAN				
	58	-	1 6 2	9 1 4	09/27/83	JAPAN				
		0	6 3 4	6 8 0	01/18/95	E.P.O.				
		10	- 3 2	7 4 0	02/03/98	JAPAN				X
		7	- 2 8	8 7 2 4	10/31/95	JAPAN				X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
		1	English Language Abstract of JP 58-10708.							
		2	English Language Abstract of JP 2003-207709.							
		3	English Language Abstract of JP 2002-277719.							
		4	English Language Abstract of JP 10-282394.							
		5	English Language Abstract of JP 58-162914.							
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								Applicant Hiroshi NOMURA			
								Filing Date August 25, 2003		Group 2872 2851	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	5	2	5	0	5	0	06/25/85	OHASHI				
	4	6	4	3	5	5	5	02/17/87	WAKABAYASHI				
	4	7	2	1	9	7	2	01/26/88	WAKABAYASHI				
	4	7	9	2	8	2	2	12/20/88	AKIYAMA et al.				
	5	8	1	8	6	4	7	10/06/98	NISHIO et al.				
	6	0	3	1	9	9	8	02/29/00	SHONO				
	4	4	5	1	1	2	9	05/29/84	IKARI et al.				
	4	6	4	3	.5	5	4	02/17/87	OGAWA				
	4	7	7	1	3	0	3	09/13/88	MATSUMOYO et al.				
	4	8	8	7	1	0	7	12/12/89	NAKAMURA et al.				
	5	1	3	6	3	2	4	08/04/92	TSUBOI et al.				
	5	7	6	5	0	4	9	06/09/98	HASE et al.				
	5	8	3	2	3	2	6	11/03/98	TANAKA				
	6	3	6	6	3	2	3	04/02/02	SHONO et al.				

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES      NO
	5	8	1	4	5	9	3	0	08/31/83	JAPAN			
	6	1	-	6	9	0	0	2	04/09/86	JAPAN			
	6	1	2	7	0	7	3	7	12/01/86	JAPAN			
	6	3	1	4	9	6	2	9	06/22/88	JAPAN			
	6	4	-	3	4	6	2	3	03/02/89	JAPAN			X
	6	-	1	8	7	7	7	01/28/94	JAPAN				X
	7	-	1	9	1	2	4	9	07/28/95	JAPAN			
	1	1	1	0	9	2	0	3	04/23/99	JAPAN			

## JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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